

**The invention claimed is:**

1. A tripod comprising a supporting base for positioning, a rotary camera platform assembly fastened pivotally with said supporting base, a driving mechanism adapted to rotate said camera  
5 platform assembly alternatively forwards and backwards on said supporting base, and a control mechanism adapted to control rotation of said camera platform assembly within a predetermined range of angles, wherein:

said control mechanism comprises a graduation dial  
10 disposed at a bottom side of said camera platform assembly above said supporting base for rotary motion with said camera platform assembly relative to said supporting base, a first micro switch adapted to control said driving mechanism to rotate said camera platform assembly forwards when triggered, a second micro switch  
15 adapted to control said driving mechanism to rotate said camera platform assembly backwards when triggered, a trigger rod mounted in said supporting base between said first micro switch and said second micro switch and adapted to trigger said second micro switch during forward rotation of said graduation dial with  
20 said camera platform assembly and said first micro switch during backward rotation of said graduation dial with said camera platform assembly, and a circuit module electrically connected to said first micro switch and said second micro switch and adapted to

control said driving mechanism to rotate said camera platform assembly on said supporting base forwards and backwards according to the triggering status of said first micro switch and said second micro switch.

5           2. The tripod as claimed in claim 1, wherein said graduation dial comprises a plurality of radial slots equiangularly spaced around the periphery thereof, and two stop rods selectively inserted into said radial slots and force said trigger rod to trigger said first micro switch and said second micro switch respectively.

10           3. The tripod as claimed in claim 2, where the number of said radial slots is between 18 and 36 inclusive.

          4. The tripod as claimed in claim 2, wherein the number of said radial slots is 24.